

P.C. 7008MB - Lawrence A. Johnson

Hinkley et al. (1986) teach that fluorochrome Hoechst 33342 is a useful stain for visualizing the fertilization of sea urchin eggs.

Johnson and Pinkel (1986) and Johnson (1986) describe the modification of a Coulter Epics V cytometer to render it suitable for DNA-based sorting of mammalian spermatozoa.

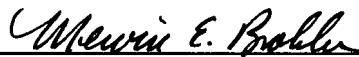
Grogan et al. (1981) used Hoechst 33342 and a 2-parameter cell sorter to measure DNA content in viable mouse testis cells.

Loken (1980) describes the separation of viable T and B lymphocytes using Hoechst 33342 stain.

Bryant (1980) teaches the use of a male-specific antibody coupled to a solid-phase immunoabsorbent material to separate male-determining from female-determining sperm.

Applicants submit that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,


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11 Enclosures
List of Prior Art Cited (3 pp.)
10 references